

INFORMATION DISCLOSURE STATEMENT

Applicant	:	Richard J. Biskup, et al.
App. No.	:	Unknown
Filed	:	Herewith
For	:	DISK DRIVE DATA PROTECTION USING CLUSTERS CONTAINING ERROR DETECTION SECTORS
Examiner	:	Unknown
Group Art Unit	:	Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are forms PTO-1449 and PTO-892 listing 25 references that are of record in U.S. patent application No. 09/732,244, filed December 7, 2000, which is the parent of this continuation application, and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Identification herein is not an admission that any of the foregoing references are prior art to the above-captioned litigation.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: February 6, 2004

By: Michael S. Okamoto

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 3WARE.010A 3WARE.010C1	APPLICATION NO. 09/732,244 Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Biskup, et al.	
		FILING DATE December 7, 2000 Herewith	GROUP 2484 Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		5,255,270	10/19/93	Yanai, et al.			
		5,329,622	7/12/94	Belsan, et al.			
		5,379,417	1/3/95	Lui, et al.			
		5,412,666	5/2/95	Squires, et al.			
		5,640,286	6/17/97	Acosta, et al.			
		5,813,025	9/22/98	Murphy, et al.			
		5,951,693	9/14/99	Walton, et al.			
		5,953,265	9/14/99	Walton, et al.			
		6,098,114	8/1/00	McDonald, et al.			
		6,067,635	5/23/00	DeKoning, et al.			
		6,195,761 B1	2/27/01	Kedem			
		6,233,696 B1	5/15/01	Kedem			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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072701

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 3WARE 010A 3WARE-010C1	APPLICATION NO. 09/732,244 Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Biskup, et al.	
		FILING DATE December 7, 2000 Herewith	GROUP 2484 Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Algirdas Avižienis, et al., <i>The Evolution of Fault-Tolerant Computing</i> (New York, Springer-Verlag / Wien, 1987). pp. 55-76.
	Daniel P. Siewiorek, et al., <i>Reliable Computer Systems</i> (Burlington, Digital Equipment Corporation, 2 nd ed. 1992). pp. 648-670.

MSO-2259.DOC
082301

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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SHEET 1 OF 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. 3WARE-010A 3WARE. 010C1	APPLICATION NO. 09/732,244 Unknown
	APPLICANT Biskup, et al.	
	FILING DATE December 7, 2000 <i>Herewith</i>	GROUP 2484 Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		5,517,484	5/14/96	Takagi, et al.			
		5,696,775	12/9/97	Nemazie, et al.			
		5,903,532	5/11/99	Ikeda			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		0 466 296 A2	01/15/92	EPO				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	International Search Report from International Application No. PCT/US 01/47937 with mailing date January 5, 2004.

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011404

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

BEST

Application/Control No. **00732,244 Unknown**

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Notice of References CitedExaminer **Unknown**
Joseph ManoskeyApplicant(s)/Patent Under
Reexamination
BISKUP ET AL.Art Unit
2184 Unknown

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
✓	A	US-5,274,645 ✓	12-1993	Idleman et al.	714/6
✓	B	US-5,805,799 ✓	09-1998	Fredrickson et al.	714/52
✓	C	US-5,699,509 ✓	12-1997	Gary et al.	714/54
✓	D	US-6,034,897 ✓	03-2000	Estakhri et al.	365/185.33
✓	E	US-6,301,644 ✓	10-2001	Andoh et al.	711/201
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)			
✓	U	Doyle, Casey D., Computer Dictionary, 1993, Microsoft Press, Second Edition, pg 182. ✓			
	V				
	W				
	X				

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.